Welcome to ICSE 2013

Betty H.C. Cheng and Klaus Pohl (Program Co-Chairs)

Come · Learn · Participate · Connect
Participants [as of May 21]

- Main conference: 1083
- Total number of heads: 1536
- Total number of registered events: ~3000
- Highest participation in the last 13 years
- 50 countries from all continents
- 30% student participation

First-time attendees 42%
ICSE Registrations

Welcome to ICSE 2013

May 22, 2013
An International Gathering!

May 22, 2013
ICSE 2013 - Innovations

- ICSE 2013 Trailer (made @ ICSE 2012, Zurich)
- Teasers: 30 second video paper advert
- Preprints of papers @ ICSE 2013 website
- Confero App (program, preprints, teasers, ...)
  www.conferoapp.com
- Student-Industry lunch
People who make it happen

General Chair: David Notkin, USA *
Program Co-Chairs: Betty H.C. Cheng, USA
Klaus Pohl, Germany

- 39 Organizing Committee members
- 47 Technical Program Committee members
- ~ 160 track-specific sub-committee members
- 39 student volunteers
- Several hundred workshop organizing and workshop program committee members

Finance Chair: Tom Zimmermann
The SWAT Team: Jo Atlee, Bill Griswold, Gail Murphy
UW Admin: Jennifer Worrell, Carol Matsumoto, Megan Reardon

* After a courageous battle against cancer, David passed away on April 22nd 2013
Tribute to David Notkin

- Wednesday, 18.00 – 18.15
  Grand Ballroom

Please join us in a celebration of David’s life
Conference Supporters

GOLD

intel® Microsoft® Research

SILVER

accenture Google MICHIGAN STATE UNIVERSITY

PALUNO Siemens

UNIVERSITAT ESSEN WÜSTEN

BRONZE

cisco® EMC² facebook Fujitsu IBM Research

INTENTIONAL SOFTWARE NTT INNOVATION INSTITUTE INC

Tasktop

MEDIA PARTNERS

Söftware

METHODS & TOOLS
Conference Sponsors

Association for Computing Machinery

SIGSOFT

SPECIAL INTEREST GROUP ON SOFTWARE ENGINEERING

IEEE Computer Society

Technical Council on Software Engineering
ICSE 2013
Program
### ICSE 2013 - Pre- and Post-Events

- **29 Workshops**
- **10 Tutorials**
- **6 Co-Located Events**
- **Doctoral Symposium**
- **New Faculty Symposium**

<table>
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<tr>
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<th>T04 (PM)</th>
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See main web for tutorial titles.
ICSE 2013 Main Conference

Plenary Sessions
- Keynotes
- Awards

Parallel Sessions
- Research Papers
- Software Engineering in Practice (SEIP)
- Software Engineering Education (SEE)
- New Ideas and Emerging Results (NIER)
- Formal Demonstrations
- ACM Student Research Competition
- Student Contest on Software Engineering (SCORE)

see Confero App
www.conferoapp.com
### Wednesday – Friday (Main Conference)

**Welcome Message**
- **Wednesday, May 22**
  - Morning Break
  - Keynote
  - Welcome Message

**Main Conference**
- **Wednesday, May 22**
  - **08:15-10:00**
    - Composition Adaptation
    - Test Case Generation
    - Formal Specification
  - **10:00-11:00**
    - SEIP (Agile and Distributed Practices)
    - SEIP (Supporting Tomorrow's Developer)
  - **11:00-12:00**
    - ACM SRC Posters
    - SEIP (Metrics and Evaluation)
  - **12:00-13:00**
    - Lunch
    - BoF
    - SEE (Problem-Based and Studio Learning)

**Keynote**
- **Wednesday, May 22**
  - Theme: SEIP (Panel)
  - Theme: NIER (Dependability Perspectives)
  - Theme: BoF

**Breaks**
- **Wednesday, May 22**
  - **10:00-10:30**
  - **12:00-12:30**
  - **13:30-14:00**
  - **15:30-16:00**

**Conference Highlights**
- **Wednesday, May 22**
  - ACM SIGSOFT / IEEE TCSE (18:30 - 20:00)
  - Tribute to David Notkin (19:00 - 20:30)

**Thursday, May 23**
- **Morning Break**
  - Theme: Code Analysis
  - Theme: Big Data
  - Theme: NIER (Collaborative Development)

**Lunch**
- **Thursday, May 23**
  - Process
  - Performance
  - SEE

**Afternoon Break**
- **Thursday, May 23**
  - Theme: Bug Prediction
  - Theme: Product Lines
  - Theme: ACM SRC (Presentation by Finalists)

**Thursday, May 23**
- **Keynote**
  - Theme: SEIP (Mini-Tutorial)
  - Theme: NIER (Alternative Modeling)
  - Theme: SEE

**Student Industry Lunch**
- **Thursday, May 23**
  - Theme: Formal Demonstrations

**Friday, May 24**
- **Morning Break**
  - Theme: Reliability
  - Theme: Analysis Studies
  - Theme: SEIP (Keynote)

**Lunch**
- **Friday, May 24**
  - Theme: Security and Privacy
  - Theme: Empirical Studies
  - Theme: SEIP (Bug Detection)

**Afternoon Break**
- **Friday, May 24**
  - Theme: Awards & Closing
  - Theme: Preview of ICSE2014 & ICSE 2015

**Welcome to ICSE 2013**
- **May 22, 2013**
Keynotes

PAMELA SAMUELSON
University of California at Berkeley
Are Software Patents Bad?

TONY DEROSE
Pixar Research Group
The Connection between Movie Making and Software Development

LINDA NORTHRUP
Software Engineering Institute - Carnegie Mellon
Does Scale Really Matter? – Ultra-Large-Scale Systems Seven Years after the Study
Research Track

461 Submissions
Submissions from 49 Countries

- United States
- China
- Germany
- Canada
- Italy
- France
- Singapore
- Australia
- United Kingdom
- India
- Switzerland
- Brazil

...plus many others
# Research Track Submissions

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*Record number of submissions*
+ Many Submissions for ...

- New Ideas and Emerging Results (NIER)
- Software Engineering in Practice (SEIP)
- Software Engineering Education (SEE)
- Formal Demonstrations
- ACM Student Research Competition
- Student Contest on Software Engineering (SCORE)
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6 ACM SIGSOFT Distinguished Papers
Accepted Papers/Countries

Authors from 25 countries

United States
Italy
Canada
Switzerland
France
Hong Kong
Argentina
Ireland
Norway
Belgium
Japan
South Africa
South Korea
Germany
United Kingdom
Singapore
China
Israel
Netherlands
Australia
New Zealand
India
Brazil
Luxembourg
Denmark

Weighted distribution authors/countries

Papers with authors from different countries are equally split between the countries.
(e.g. 1 of 5 authors from Romania; counts as 0.20 papers from Romania)
Thanks to all Organizing & Program Committee Members across all tracks!!!
Local Organization
Proceedings & Internet Access

- **Wireless Internet**
  - Open SSID: IEEE ICSE
  - User name: software
  - Password: 35thconf

- **ICSE proceedings**
  - Accessible from the following URL: http://qnap1030.avt.com
  - Username: software
  - Password: 35thconf

Please
- Disable *drop-box* synch.
- Avoid *large uploads*
- Avoid large downloads
ICSE Tracks

Lobby / Atrium

Seacliff
Bayview
Marina

Grand Ballrooms

Pacific Concourse

SEIP
NIER
SEE
Demos

Plenaries
Research Track
Special Events

Lobby / Atrium
Hospitality Room
Garden Rooms

Seacliff
Bayview
Marina

Grand Ballrooms

Pacific Concourse

NIER posters / reception

ACM/IEEE Town Hall Meeting

SCR/SCORE posters
David Notkin Tribute
Social Areas

- Lobby / Atrium
- Hospitality Room
- Garden Rooms
- Seacliff
- Bayview
- Marina
- Grand Ballrooms
- Pacific Concourse
- Lunch
- Hangout Areas
- Coffee Stations
- Student-Industry Lunch (Thurs.)
Student-Industry Lunch
Thursday, May 23rd

- All students are invited
  (registered for main conference)
- “Speed-dating” with industry
  - Meet industrial representatives
  - Discuss how research could impact industry
  - Explore job opportunities

Pacific Concourse
Level -1
Social Events

Posters - ACM Student Research Competition / SCORE
15.30 – 16.00
Location: Hyatt – Market St. Foyer

NIER Poster and Reception - Today
19.00 – 20.30
Location: Hyatt - Hospitality room

TOMORROW  Banquet Cruise
Thursday, May 23rd, 18:30, Pier 3 (5 min. walk)
- Banquet @ Hornblower; cruise of San Francisco Bay.
- Boarding starts 18.30 (stops 19.00)

If you can’t attend: please return your ticket(s) to registration desk
Banquet Cruise

Cruise leaves from Pier 33:
- across the street from Hyatt Regency
- easy 5-minute walk

Schedule
18:30 – 19:00  Boarding
19:00 – 20:00  Champagne reception
20:00 – 22:00  Cruise of San Francisco Bay
dinner & dancing

Prepare for chilly evening air!

Welcome to ICSE 2013

No Ticket
No Admission!
TODAY noon
last chance to buy a ticket
Wednesday Evening Lineup

- **18:00-18:15:** Tribute to David Notkin  
  Grand Ballroom
- **18:30-20:00:** ACM SIGSOFT/IEEE TCSE Townhall  
  Bayview A
- **19:00-20:30:** NIER Posters & Reception  
  Hospitality Room
Student Volunteers

- 39 Student Volunteers
- Coordinator: Jennifer Bevan
Meet, Connect, & Have Fun